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Substitute for form 1449B/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/775,650
Filing Date	02/09/2004
First Named Inventor	Dong Hui Huang
Group Art Unit	1637
Examiner Name	Unknown
Attorney Docket Number	034827-1502

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
YK ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	A1	4,582,788		Erlich	04-15-1986	
	A2	4,683,194		Saiki et al.	07-28-1987	
	A3	4,683,202		Mullis	07-28-1987	
	A4	4,998,617		Ladd et al.	03-12-1991	
	A5	5,130,238		Malek et al.	07-14-1992	
	A6	5,169,766		Schuster et al.	12-08-1992	
	A7	5,846,710		Bajaj	12-08-1998	
	A8	5,885,775		Haff et al.	03-23-1999	
	A9	5,888,819		Goelet et al.	03-30-1999	
	A10	5,955,377		Maul et al.	09-21-1999	
	A11	5,981,178		Tsui et al.	11-09-1999	
	A12	6,011,588		Kim	01-04-2000	
	A13	6,288,220		Kambara et al.	09-11-2001	
	A14	6,355,429		Nygren et al.	03-12-2002	
	A15	6,403,320		Read et al.	06-11-2002	
	A16	6,406,844		Pirung et al.	06-18-2002	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
YK	A17	WO	88/10315		Siska Diagnostics, Inc.	12-29-1988		
YK	A18	WO	89/06700		Genentech, Inc.	07-27-1989		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
YK	A19	Flanigan et al. "Rapid direct sequence analysis of the dystrophin gene." Am J Hum Genet. 2003 Apr;72(4):931-9.	

Examiner  
Signature

/Young Kim/

Date  
Considered

08/31/2006

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Examiner Name	Unknown				
Sheet	2	of	2	Attorney Docket Number	034827-1502

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YK	A20	Hoogendoorn, B. et al., "Genotyping Single Nucleotide Polymorphism by Primer Extension and High Performance Liquid Chromatography " Human Genetics (1999) 104:89-93	
	A21	Jenison et al., Use of a thin film biosensor for rapid visual detection of PCR products in a multiplex format." Biosens Bioelectron. 16(9-12):757-63 (2001)	
	A22	Kwoh, D. et al., Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format." Proc. Natl. Acad. Sci. (U.S.A.) 86:1173 (1989)	
	A23	Landegren, U. et al. "A ligase-mediated gene detection technique." (1988) Science 241:1077-1080	
	A24	Mullis, K. et al., "Specific enzymatic amplification of DNA in Vitro: The Polymerase chain reaction." Cold Spring Harbor Symp. Quant. Biol. 51:263-273 (1986)	
	A25	Nickerson et al., "Automated DNA diagnostics using an ELISA-based oligonucleotide ligation assay." (1990) Proc. Natl. Acad. Sci. U.S.A. 87:8923-8927	
	A26	Piggee, C. et al. "Capillary Electrophoresis for the Detection of Known Point Mutations by Single-Nucleotide Primer Extension and Laser-Induced Fluorescence Detection" Journal of Chromatography A 781 (1997), p. 367-375	
	A27	Poddar "Symmetric vs asymmetric PCR and molecular beacon probe in the detection of a target gene of adenovirus." Molec. And Cell. Probes 14:25-32 (2000)	
	A28	Walker, G. T. et al., "Isothermal in vitro amplification of DNA by a restriction enzyme/DNA polymerase system." Proc. Natl. Acad. Sci. (U.S.A.) 89:392-396 (1992)	
↓	A29	Wall et al. "A 31-mutation assay for cystic fibrosis testing in the clinical molecular diagnostics laboratory." Human Mutation 5:333-338, 1995.	

Examiner Signature	/Young Kim/	Date Considered	08/31/2006
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## U.S. PATENT DOCUMENTS

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YK	A1	6818404		Shuber	11-16-2004	

## U.S. PATENT APPLICATION DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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YK	A2	International Search Report from corresponding PCT Application No. PCT/US2004/029439	

Examiner Signature	/Young Kim/	Date Considered	08/31/2006
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